

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 10/023,361 | 12/14/2001 | Francis M. Wilkinson | P6468 | 2820 |

25235 7590 07/29/2004
HOGAN & HARTSON LLP
ONE TABOR CENTER, SUITE 1500
1200 SEVENTEENTH ST
DENVER, CO 80202

EXAMINER

PARDO, THUY N

| ART UNIT | PAPER NUMBER |
|----------|--------------|
|----------|--------------|

2175

DATE MAILED: 07/29/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/023,361

Applicant(s)

WILKINSON ET AL.

Examiner

Thuy Pardo

Art Unit

2175

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 14 December 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-21 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-21 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 14 December 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- ☒ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- ☐ Notice of Informal Patent Application (PTO-152)
- ☐ Other: _____

DETAILED ACTION

1. Applicant's Application filed on January 14, 2001 has been reviewed.
2. Claims 1-21 are presented for examination.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1-6, 11, and 14-18 are rejected under 35 U.S.C. 102(b) as being as being anticipated by Carter et al. (Hereinafter "Carter") US Patent No. 6,026,474.

As to claim 1, Carter teaches the invention substantially as claimed, comprising:

a client device [400, 420 of fig. 12] linked to the communications network including a running application [web pages 402 of fig. 12], an administrative interface in communication with the application and the communications network [32a of fig. 1; col. 4, lines 40-52], and a local memory [local cache system, fig. 7] for storing localized application values used by the application [web cache, col. 2, lines 38-55; ab; fig. 7]; and an application value repository linked to the communications network for storing localized application values used by the computing devices [fig. 9];

Art Unit: 2175

wherein the administrative interface is operable to receive a request from the application for application values and to respond by selectively retrieving the localized application values corresponding to the request from the local memory [col. 20, lines 52-59] and the application value repository [ab; col. 5, lines 48 to col. 6, lines 10; col. 14, lines 21-51].

As to claim 2, Carter teaches the invention substantially as claimed. Carter further teaches an update mechanism operable to monitor the localized application values at the application value repository and to update the localized application values in the local memory [col. 9, lines 15-28].

As to claim 3, Carter teaches the invention substantially as claimed. Carter further teaches that the localized application values stored in the local memory are selected based on prior requests from the application and are removed from the local memory when a last accessed time parameter indicates a period of inactivity has been exceeded [col. 8, lines 4-11; col. 10, lines 5-18].

As to claim 4, Carter teaches the invention substantially as claimed. Carter further teaches that the client device further includes a mechanism operable to generate a localized extensible Markup Language (XML) file comprising at least a portion of the localized application values [inherent in the system, col. 26, lines 60-67].

Art Unit: 2175

As to claim 5, Carter teaches the invention substantially as claimed. Carter further teaches that the application value repository further stores a stylesheet that is adapted for combining with the XML file to produce a localized stylesheet [col. 26, lines 60 to col. 27, lines 13].

As to claim 6, Carter teaches the invention substantially as claimed. Carter further teaches that the application localized values stored in the application value repository include property values [col. 22, lines 10-19; col. 23, lines 52-57].

As to claims 9, 11, 14-18, all limitations of these claims have been addressed in the analysis above, and these claims are rejected on that basis.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 7, 8, 10, 12, 13, and 19-21 are rejected under 35 U.S.C. 103(a) as being unpatentable over Carter et al. (Hereinafter "Carter") US Patent No. 6,026,474, in view of Beurket et al. (Hereinafter "Beurket") US Patent No. 6,360,273.

As to claim 7, Carter teaches the invention substantially as claimed. However Carter does not explicitly teach that the feature that the localized application values include user roles indicating data access levels for users of the application, the user roles being localized to allow variation based on geographical locations selected by the users of the application and being used by the administrative interface in the selective retrieving of the localized application values. Beurket teaches the feature that the localized application values include user roles indicating data access levels for users of the application, the user roles being localized to allow variation based on geographical locations selected by the users of the application and being used by the administrative interface in the selective retrieving of the localized application values [col. 2, lines 56-67; col. 4, lines 50 to col. 5, lines 15]. Therefore, it would have been obvious to one of ordinary skill in the Data Processing art at the time of the invention to add the feature of Beurket to the system of Carter as an essential means to provide persistent storage of data, and each instance of the control program employs the data store as a memory device for storing and retrieving cached data.

As to claims 8, 10, 12, 13, and 19-21, all limitations of these claims have been addressed in the analysis above, and these claims are rejected on that basis.

Art Unit: 2175

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thuy Pardo, whose telephone number is (703) 305-1091. The examiner can normally be reached Monday through Thursday from 8:30 AM to 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dov Popovici, can be reached at (703) 305-3830.

The fax phone number for the organization where this application or proceeding is assigned are as follows: (703) 872-9306 (Official Communication)

and/or:

(703) 746-5616 (*Use this Fax#, only after approval by Examiner, for "INFORMAL" or "Draft" communication. Examiner may request that a formal/amendment be faxed directly to then on occasions*).

Any inquiry of a general nature of relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 305-3900.

6. Any response to this action should be mailed to:

Commissioner of Patents and Trademarks
Washington, D.C. 20231

or faxed to:

Art Unit: 2175

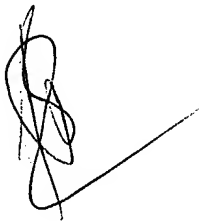
(703) 308-9051, (for formal communications intended for entry)

Or:

(703) 308-5359, (for informal or draft communications, please
label "PROPOSED" or "DRAFT")

Hand-delivered responses should be brought to Crystal Park II, 2121
Crystal Drive, Arlington, VA., Sixth Floor (Receptionist).

July 22, 2004

A handwritten signature in black ink, appearing to be 'THUY N. PARDO', with a long diagonal stroke extending from the bottom right of the signature.

THUY N. PARDO
PRIMARY EXAMINER